Worldwide Joint Training and Scheduling Conference 2005

Joint Knowledge Development and Distribution Capability Working Group

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Operational Plans and Joint Force Development (J-7)
Joint Staff

10 February 2005

AGENDA

- Knowledge Development Capability
  - Background
  - Next Six Months
  - Next Twelve Months
  - Proposed NEW JKDDC Construct
- Knowledge Distribution Capability
  - Interim Distribution Capability (IDC)
  - IDC Milestones
- JKDDC Way Ahead
  - Revise T2 Strategy & I-Plan
- JKDDC Business Process Review
  - Working Group/Lead Development Agents
  - Courseware Development/Conversion/ and distribution
  - Propose “Way Ahead”

Knowledge Development Capability

BACKGROUND

- July 2004 (IOC) – October 2004
  - GSA Prime Contractor for Knowledge Development in Place
  - Commenced Front-End Analysis of FY 03-04 Courses

- October 2004 – January 2005
  - Delivered Two Courses:
    - Senior Non-Commissioned Officers
    - Joint Anti-Terrorism

NEXT SIX MONTHS

By August 2005

- 03-01 Chemical Biological Radiological Nuclear Explosives
- 03-02 Senior Non-Commissioned Officer JPME
- 03-04 Joint Staff Action Processing
- 03-05 Joint Training Information Management System
- 04-01 Joint Task Force 101
- 04-02 Joint Planning Orientation Course
- 04-04 Joint Information Operations Planner’s Course
- 04-05 Joint Anti-Terrorism
- 04-06 Joint Special Operations Task Force
- 04-07 Global Command and Control System
- 04-08 Standing Joint Forces Headquarters
- SECDEF Requirement – Individual Augmentee Education and Training Material

NEXT TWELVE MONTHS

September 2005 - February 2006

- 04-09 Joint Civil Military Operations Task Force
- 04-11 Homeland Security Defense
- 04-13 Joint Interagency Coordination
- 04-14 Joint Operations Planning and Execution System
- 04-15 Joint Air Component Operations
- 04-16 Military Support to Civilian Authorities
- 04-17 Joint Critical Infrastructure Protection
- 04-18 Joint Targeting Prerequisite Course
- 04-19 Fundamentals of Personnel Recovery

DISCUSSION

Knowledge Distribution Capability

Single sign-on access to Joint education and training knowledge via

www.jkddcjmo.org
https://www.jkddc.net/

Interim Distribution Capability (IDC) January 2005

- Accessibility (Including Single sign-on capability)
- Leveraging existing DoD Learning Management Systems (LMS) Architecture
- Accessibility over Internet, NIPRNET and SIPRNET
- Tracking and Assessment of Learner Progress
- Conformant with DoD Standards
  - Sharable Content Object Reference Model (SCORM)
  - DODI 1322.xx (Registry of ADL Content and Repositories)
- Interim Distribution Requirements - Approved by Working Group May 2004

Interim Distribution Capability Architecture

- On-line Portal Access via JDEIS
  - JKDDC joint training and education content
  - Non-JKDDC content:
    - JTF 101 (JFCOM)
    - DOCNET (JS/J7)
    - Trafficking in Persons (OSD)

IDC Federation Development Process

Initial Participation Commitment through Memorandum of Understanding (MOU)

- US Army
- US Navy
- US Marine Corps
- US Coast Guard
- US Air Force
- Defense Intelligence Agency
- Defense Acquisition University

Basic Terms of MOU:

- JKDDC will develop content to train and educate the individual joint warfighter to support Combatant Commander missions
- Federation Member Organizations will distribute JKDDC content to its existing user base
- JKDDC and Federation Member Organizations will collaborate on the identification and development of a database for recording joint learner progress until a DoD-wide capability is available (ie: DIMHRS)

IDC Milestones

- IDC Federation Version 1.0 stand-up achieved -- 31 January 2005
  - Subsequent version releases approximately every 3 months
- Next Version release -- April 2005
- Spiral Development to Global Distribution Capability -- July 2006

DISCUSSION

JKDDC Way Ahead

What Makes Sense from a JKDDC strategic planning perspective?

Revise T2 Strategy & I-Plan

Knowledge Development

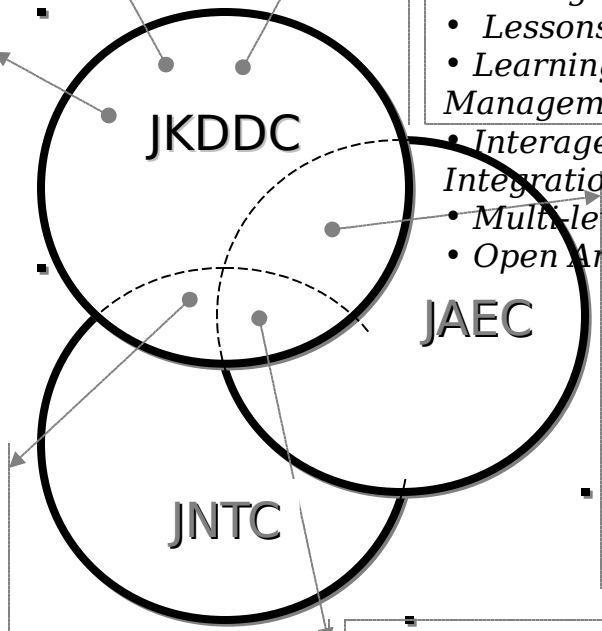
- *Core Competencies*
- *Curriculum Design & Accreditation*
- *Course Development*

Knowledge Distribution

- *Collaborative Environment*
- *Common Operational Picture*
- *Defense Universities Portal*
- *Regional Engagement Centers Portal*
- *Interagency Portal*
- *COCOM Portal*
- *Global Distribution Network*

Transitional Capabilities

- *Online Simulations*
- *Semi-automated Force Models*
- *Support Preparation for JNTC Event*
- *Support Exercise Planning*
- *Support Exercise Academics*
- *Geo-spatial Tools, Data, And*



Knowledge Management

- *Content Repository*
- *Individual Verification & Tracking*
- *Lessons Learned*
- *Learning and Knowledge Management*
- *Interagency & Multinational Integration*
- *Multi-level Security*
- *Open Architecture Standards*

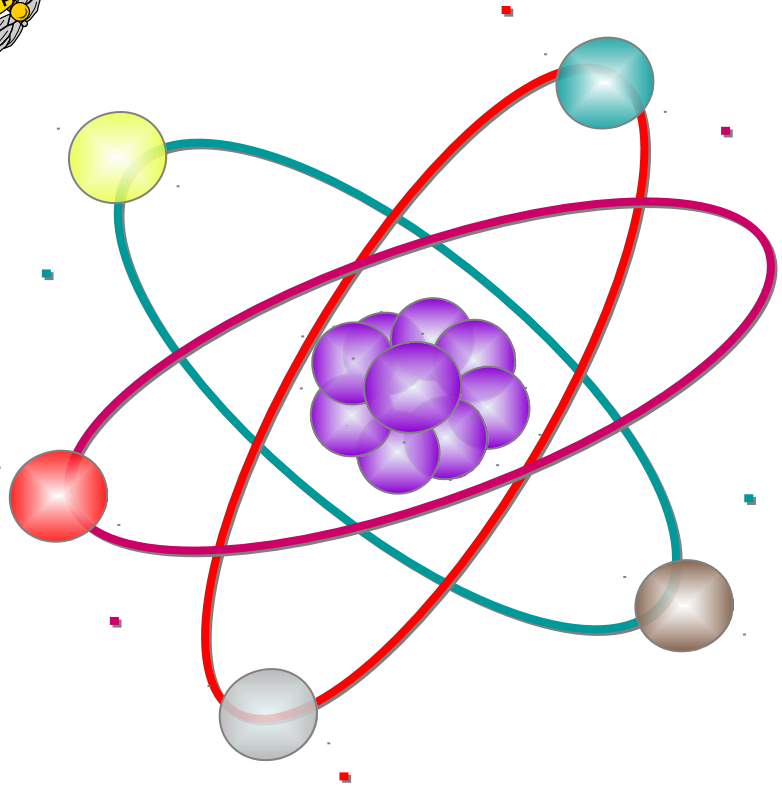
Assessments

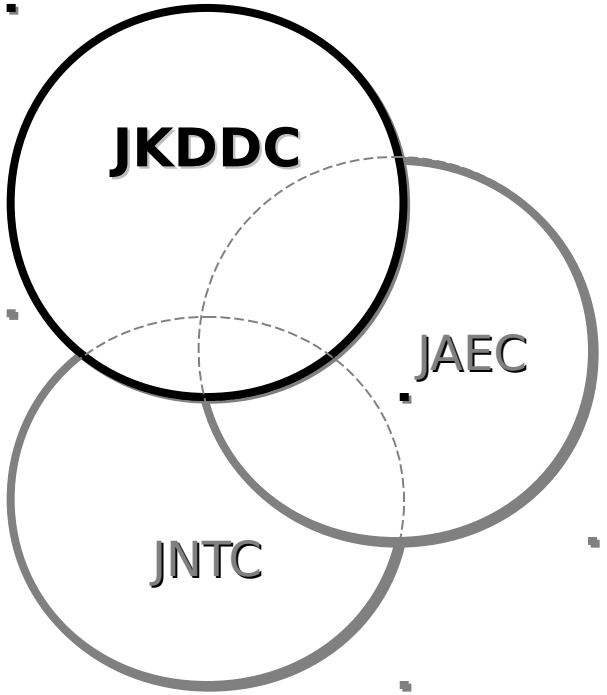
- *Individual Performance*
- *Team Performance*
- *Cohort Groups*
- *Cost-effectiveness*
- *DOTMTLP*
- *Advanced Technologies*
- *Experimentation*
- *System of Systems*

Joint Training System

- *Link to UJTLs & JMETs*
- *Link to DRRS*
- *Link to CAP*

Joint Knowledge Development
Centers of Joint Knowledge Excellence

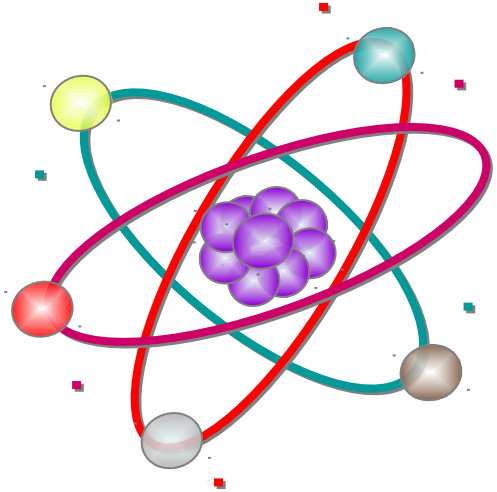




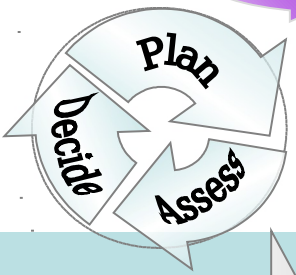
Real time access to world class experts

across every area of the Joint Doctrine and Operational Arts

Joint Knowledge Centers of Excellence Operational Concept

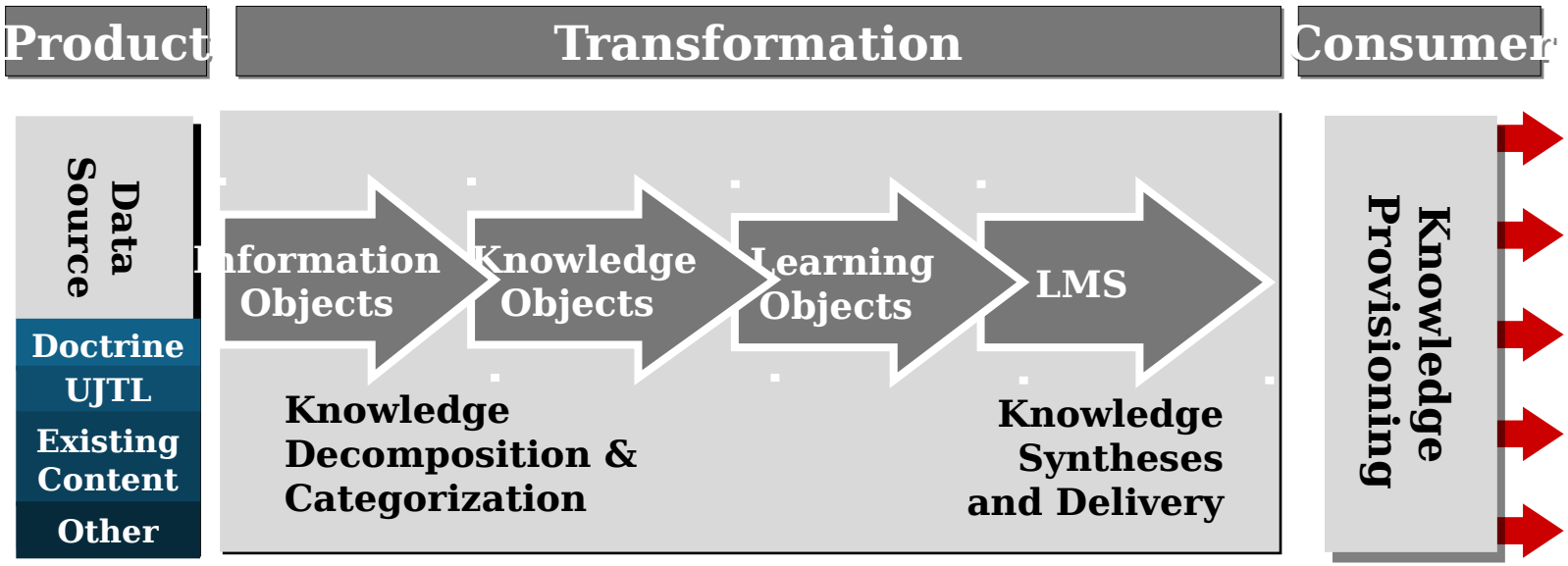


- JWFC
- JFSC
- NDU
- AWC
- NWC
- NPGS
- AFWC
- JSFU
- AFSOC
- ATSC



Situation Development → Crisis Assessment → Course of Action Development → Course of Action Selection → Execution Planning → Execution

Joint Knowledge Provisioning CONOPS



REQUIRED ACTION

- Partner with Joint Centers of Excellence for knowledge/content development
  - Less emphasis on LDA support from COCOMs
- Increase JKDDC's focus to the Strategic/Operational level
  - Standing Joint Force Headquarters / Joint Task Force Curriculum Development
  - Joint Leader Development, using collaborative environments
- Revise JKDDC JMO SOP to describe NEW Knowledge Development Construct: Long Term Content; Emerging Requirements Content
- Address Global Distribution Network issues through the JCIDS Process

Business Processes

How can we improve the way JKDDC conducts its business?

Working Group Charter

- The JKDDC Working Group will *advise* the JKDDC Joint Management Office on issues pertaining to the JKDDC. Validation Authority: T2 Senior Advisory Group
- The Working Group will *identify* and *prioritize* joint individual education and training requirements in accordance with pre-coordinated criteria and procedures
- The Working Group will *assign* Sponsors, Lead Development Agents, and Collaborating Agents for individual requirements to further refine requirements details, *identify* subject matter experts, and *assist* in determining the scope of the requirement. The assignment information will be provided to the JKDDC Joint Management Office

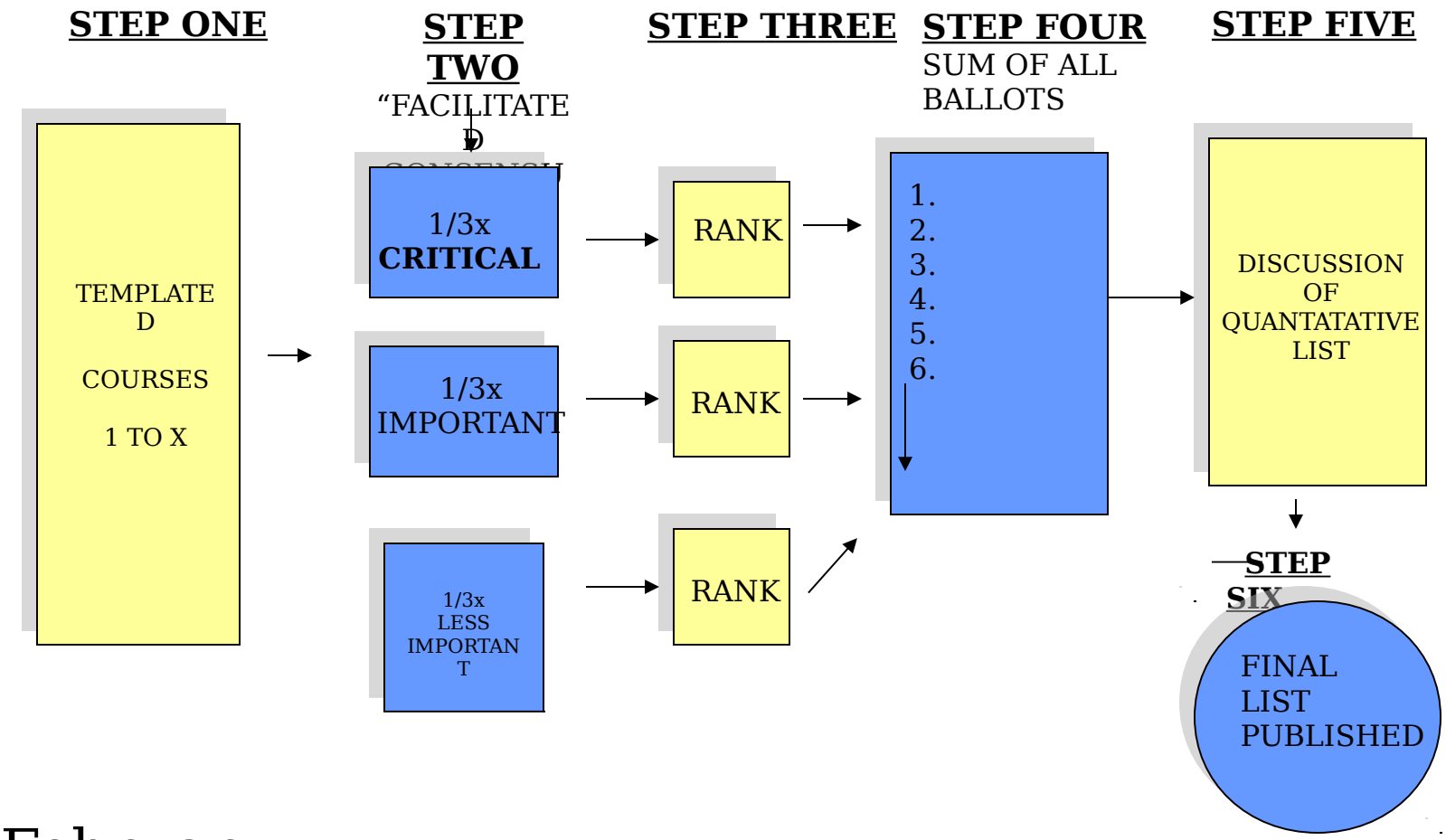
Requirements Process

- Generation Process:
  - JKDDC Working Group representatives prepare prioritized requirements list through the JKDDC JMO to the Joint Staff/J-7 for approval
  - The JKDDC JMO Director presents list to the T2 JIPT for information purposes only
  - The JKDDC JMO Director presents the list to the T2 SAG for validation
  - The T2 SAG validates the list and passes to the JKDDC JMO for execution
- Approval Authority:
  - Joint Staff/J-7
- Validation Authority:
  - T2 Senior Advisory Group

Requirements Timeline

Oct-Dec 1st Quarter	Jan-Mar 2nd Quarter	Apr-Jun 3rd Quarter	Jul-Sep 4th Quarter
● Pass funded list to developer.	● Data Call ● Complete requirements with high level detail ● Identify/prioritize ● Approve/validate.	● Requirements to WG ● Begin approval/ validation process ● High-level analysis ● Staff list to prevent duplication ● Money must be allocated.	● Determine funded/ unfunded list.

PRIORITIZATION PROCESS



DISCUSSION

BACKUP SLIDES

FY 03 Courseware Development Status

No.	FY03 Requirements	Sponsor / LDA	Sponsor	Status
03-01	CBRNE	**PACOM/ PACOM**	**PACOM**	**On Track**
03-02	Senior Non-Commissioned Officer JPME	**JFCOM / JS J-7**	**JFCOM**	**Delivered Version 1**
03-03	Collaborative Force Analysis Sustainment and Transportation	**PACOM / PACOM**	**PACOM**	**Development on Hold. Evaluating relevancy of requirement based on changing CFAST content.**
03-04	Joint Staff Business Process	**JFCOM / JS SJS**	**JFCOM**	**On Track**
03-05	Joint Training Information Management System	**JFCOM / JS J-7**	**JFCOM**	**On Track. Awaiting new version release (scheduled Feb05).**

Legacy Course Conversion

New Content

Issues

FY-04 Courseware Development Status

No.	FY04 Requirements	Sponsor / LDA	Sponsor	Status
04-01	Joint Task Force Fundamentals (JTF 101)	JFCOM / JWFC	JFCOM	On Track
04-02	Joint Planning Orientation Course (JPOC)	PACOM / JFSC	PACOM	On Track
04-04	Joint Information Operations Orientation Course	STRATCOM / JFSC	STRATCOM	On Track
04-05	Joint Anti-Terrorism	NORTHCOM / NORTHCOM	NORTHCOM	Delivered Version 1
04-06	Joint Special Operations Task Force	SOCOM / JSOU	SOCOM	On Track
04-07	Global Command and Control System – Operational Level	JFCOM / JDTC	JFCOM	Major Issues. LDA review of requirement ongoing
04-08	Standing Joint Force Headquarters Fundamentals (SJFHQ)	JFCOM / SJFHQ	JFCOM	On Track. Course on expedited development schedule.
04-09	Joint Civil-Military Operations Task Force	SOCOM / JSOU	SOCOM	On Track
04-11	Homeland Security/Defense	NORTHCOM / NORTHCOM	NORTHCOM	Awaiting approval of Joint Pub for Homeland Defense

FY 04 Continued

No.	FY04 Requirements	Sponsor / LDA	Sponsor	Status
04-13	Joint Interagency Coordination/Joint Interagency Coordination Group	JFCOM / NDU	JFCOM	Awaiting approval of Joint Pub for Homeland Defense
04-14	Joint Operations Planning and Execution	JFCOM / JDTC	JFCOM	Course is designed to be a blended course. LDA has yet to determine what potions of course are suitable for web-based training. Action: Contacting LDA to discuss issue
04-15	Joint Force Air Force Component Operations	JFCOM / JWFC	JFCOM	On Track
04-16	Military Support to Civilian Authorities	NORTHCOM / AFC	NORTHCOM	On Track
04-17	Joint Critical Infrastructure Protection	NORTHCOM / NORTHCOM	NORTHCOM	Evaluating relevancy of requirement. LDA believes this should be integrated into 05-03 and 05-09 requirements.
04-18	Joint Targeting Prerequisite	JFCOM / JTS	JFCOM	On Track
04-19	Fundamentals of Personal Recovery	JFCOM / JPRA	JFCOM	On Track

FY 05 Courseware Development Status

No.	FY05 Requirements	Sponsor / LDA	Sponsor	Status
05-01	COCOM Staff Officer 101	EUCOM / JFSC	EUCOM / All COCOMs	Scheduled delivery - June 2006
05-02	JTF 201	JFCOM / JWFC	JFCOM	Scheduled delivery - June 2006
05-03	Emergency Preparedness Course (EPC)	NORTHCOM / NORTHCOM	NORTHCOM	Scheduled delivery - June 2006
05-04	Joint Tactical Tasks 101 (JNTC)	JFCOM / JWFC	JFCOM	Scheduled delivery - June 2006
05-05	Joint Theater Logistics	TRANSCOM / TRANSCOM	TRANSCOM	Scheduled delivery - June 2006
05-06	J6 201: Planners Course	EUCOM, CENTCOM, JFCOM / TRADOC	EUCOM / CENTCOM / JFCOM	Scheduled delivery - June 2006
05-07	Global Ballistic Missile Defense (GBMD) Planners Course	STRATCOM, NORAD – NORTHCOM / STRATCOM	STRATCOM / NORAD / NORTHCOM	Scheduled delivery - June 2006
05-08	Joint IO Planners Course (Including Joint PSYOP, Military Deception, OPSEC)	STRATCOM, SOCOM / STRATCOM	STRATCOM / SOCOM	Scheduled delivery - June 2006

FY 05 Continued

No.	FY05 Requirements	Sponsor / LDA	Sponsor	Status
05-09	Homeland Security Planners Course	NORTHCOM / JFSC	NORTHCOM	Scheduled delivery - June 2006
05-10	Combatant Commander Exercise Control Group	PACOM / PACOM	PACOM	Scheduled delivery - June 2006
05-11	J6 101: Staff and Operations Course	EUCOM / JFSC	EUCOM	Scheduled delivery - June 2006
05-12	Knowledge Superiority in Joint, Network-Centric Warfare	EUCOM, PACOM / NAVY	EUCOM / PACOM	Scheduled delivery - June 2006
05-13	Joint Engineering Capabilities Course (Planning)	JFCOM / TRADOC	JFCOM	Scheduled delivery - June 2006
05-14	Joint PSYOP Task Force (JPOTF) (04-21)	SOCOM / JSOU	SOCOM	Scheduled delivery - June 2006
05-15	GCSS Operations and FOS Orientation	JFCOM / JDTC	JFCOM	Scheduled delivery - June 2006
05-16	GBMD ITWAA (04-23)	STRATCOM, NORTHCOM / STRATCOM	STRATCOM / NORTHCOM	Scheduled delivery - June 2006
05-17	IO Threat Training	STRATCOM / JFSC	STRATCOM	Scheduled delivery - June 2006

The Joint Knowledge Architecture